Science and engineering profile: North Carolina

Characteristic	State	U.S. total	Rank
Employed SEH doctorate holders, 2006	18,910	620,140	11
S&E doctorates awarded, 2007	940	31,801	10
Life sciences (%)	35	26	–
Engineering (%)	22	24	–
Physical sciences (%)	12	13	–
SEH postdoctorates in doctorate-granting institutions, 2006	1,960	49,201	6
SEH graduate students in doctorate-granting institutions, 2006	14,456	542,073	12
Population, 2008 (thousands)	9,222	308,014	10
Civilian labor force, 2008 (thousands)	4,544	155,366	10
Personal income per capita, 2007 (dollars)	33,735	38,615	37
Federal spending			
Total expenditures, 2007 ($millions)	65,863	2,532,073	12
R&D obligations, 2006 ($millions)	1,766	107,545	18
Total R&D performance, 2006 ($millions)	7,710	335,377	14
Industry R&D, 2006 ($millions)	5,486	243,853	13
Academic R&D, 2007 ($millions)	1,885	49,406	7
Life sciences (%)	76	60	–
Engineering (%)	8	15	–
Social sciences (%)	4	4	–
SBIR awards, 2000–07	634	44,157	19
Utility patents issued to state residents, 2008	1,841	77,493	13
Gross domestic product, 2007 ($billions)	399	13,832	9

– = no value possible.

S&E = science and engineering; SEH = science, engineering, and health; SBIR = small business innovation research.

NOTES: Rankings and totals are based on data for the 50 states, District of Columbia, and Puerto Rico. Rankings are based on unrounded totals; they do not account for margin of error of estimates from sample surveys. Employed SEH doctorate holders include only recipients of U.S. doctoral degrees. State estimates for employed SEH doctorate holders may have large sampling errors because the source for these data, the Survey of Doctorate Recipients, was not designed to provide a sample for estimates at the state level; these data are classified by the state where the doctorate holder resides, if known; otherwise, data are classified by employer's location.

Federal obligations for research and development, by agency and performer: North Carolina, FY 2006

(Thousands of dollars)

	Performer							
Agency	Total	Federal intramural	All FFRDCs	Industrial firms	Universities and colleges	Other nonprofits	State, local governments	Rank
All agencies	1,765,859	402,140	0	190,240	1,058,911	107,863	6,705	18
Department of Agriculture	49,661	21,787	0	13	27,056	294	511	14
Department of Commerce	13,847	8,467	0	3,338	1,466	20	556	14
Department of Defense	167,316	58,981	0	53,043	48,822	5,102	1,368	29
Department of Energy	25,748	0	0	0	18,582	7,166	0	23
Department of Health and Human Services	1,193,081	118,896	0	124,245	857,021	89,003	3,916	6
Department of Homeland Security	11,860	8,322	0	1,311	1,251	976	0	18
Department of the Interior	3,498	2,796	0	94	598	10	0	26
Department of Transportation	6,335	0	0	3,531	2,494	0	310	21
Environmental Protection Agency	195,028	182,891	0	260	10,089	1,744	44	1
National Aeronautics and Space Administration	10,960	0	0	2,935	4,977	3,048	0	34
National Science Foundation	88,525	0	0	1,470	86,555	500	0	16
Rank	18	11	–	28	7	12	18	–

– = no value possible.

FFRDC = federally funded research and development center.

NOTES: Federal R&D obligations are as reported by funding agencies. Rankings and totals are based on data for the 50 states, District of Columbia, and Puerto Rico.

SOURCES: Prepared by the National Science Foundation/Division of Science Resources Statistics. Data compiled from numerous sources; see the section, "Data Sources for Science and Engineering State Profiles."